

2814

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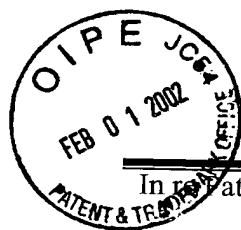
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	09/690,580	
	<b>Filing Date</b>	October 17, 2000	
	<b>First Named Inventor</b>	Vladislav Vashchenko et al.	
	<b>Group Art Unit</b>	2814	
	<b>Examiner Name</b>	D. Farahani	
<b>Total Number of Pages in This Submission</b>	14	<b>Attorney Docket Number</b>	072219-0276286 (P04802)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Response to Paper No. 5  <input type="checkbox"/> After Final (Response)  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) 4 sheets (Informal)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <b>Return Receipt Postcard Certificate of Mailing</b>
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Date	January 16, 2002

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:

Vladislav Vashchenko, et al.

Appln. No.: 09/690,580

Filed: October 17, 2000

For: BIPOLAR TRANSISTOR-BASED  
ELECTROSTATIC DISCHARGE (ESD)  
PROTECTION STRUCTURE WITH A  
HEAT SINK

Group Art Unit: 2814

Examiner: D. Farahani

RESPONSE TO OFFICE ACTION MAILED  
OCTOBER 24, 2001

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Dear Sir:

In response to the Official Action mailed October 24, 2001, please amend the above-  
identified application as follows:

In the Claims

Claims 7-8 have been cancelled.

Please add the following new claims:

--9. An electrostatic discharge device formed in a first semiconductor material, the  
device comprising:

a collector region of a first conductivity type formed in the first semiconductor  
material;

a base region of a second conductivity type formed in the collector region;

an emitter formed on the first semiconductor material on the base region, the emitter  
having a top surface;

a base extender formed on the first semiconductor material on the base region, the  
base extender being formed from a second semiconductor material that is different from the  
first semiconductor material;

Atty. Docket No.: 072219-0276286

(P04802)

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